

**SUBSTITUTE SPECIFICATION
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**ELECTRICAL SWITCHING ARRANGEMENT HAVING AN
ELECTROMAGNETIC RELAY**

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CLAIM FOR PRIORITY

This application is a national stage of International
Application No. PCT/DE03/00070 which was published on
July 31, 2003 and which claims the benefit of priority to
10 German Application No. 102 03 682.9 filed January 24,
2002.

TECHNICAL FIELD OF THE INVENTION

The invention relates to an electrical switching
15 arrangement having an electromagnetic relay, a switching
device, whose outputs are arranged parallel to one
contact of the electromagnetic relay, and a control
arrangement which is connected to the coil of the
electromagnetic relay and to the switching device.

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BACKGROUND OF THE INVENTION

Such an arrangement is disclosed as a so-called
instantaneous release unit in the appliance manual
"Schutztechnik - Digitaler Oberleitungsschutz 7SA518/519
25 V3.2" [Protective relaying - digital overhead line
protection 7SA518/519 V3.2] issued by Siemens AG,
November 1999 (cf. pp. 3-6, R-13 and R-15). This
instantaneous release unit serves the purpose of reducing
the switch-on time of a downstream protective device. For
30 this purpose, the outputs of a switching arrangement are
arranged parallel to one contact of an electromagnetic
command relay. Both the switching arrangement and the
command relay are connected to a control unit via
isolated connecting lines. If the control arrangement
35 emits a switching command, both the contact of the

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